

Intro 400

Automation for swing gates with leaves up to 4 m - 500 Kg

DESIGN AND TECHNOLOGY

The underground installation makes the automation completely invisible

without altering the appearance of the gate. The solid die cast aluminium and IP67 watertight seal ensure reliable operation and low maintenance. In the event of power failure, manual opening of the gate is immediate thanks to the release lever accessory, or in the 24 V version, the battery buffer system.

ADVANCED ELECTRONICS

The Star 2230 Box and Star 224 Box control units are designed to control Intro gear motors. They radically simplify the installer's job, ensuring high performance in terms of safety, durability and speed.

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The plastic box, spare fuses and removable memory card are just some examples of the functions and design of this reliable innovative product.

The software technology PWM (Pulse width modulation) in the 24 Vdc control units and the Cycle Set Up system in the 230 Vac control units ensure maximum safety in case of obstacles and allow to adjust the gate speed in opening and closing.

COMPLETE RANGE

The Intro 400 automation is available in 230 V and 24 V versions, with electrophoretic painted and stainless steel boxes for a long working life and two types of release device, lever or key operated.



1.



2.



3.

1. RELEASE

Available with key or lever

2. FOUNDATION BOX

Tough extra thick foundation box

3. MECHANICAL STOP

Opening and closing stop as standard


INTRO 400 - TECHNICAL DATA

Code		INTRO 24-400	INTRO 230-400
Mains power supply	(Vac 50 Hz)	230	
Motor supply	(Vac/Vdc)	24	230
Power	(W)	120	340
Speed	(rpm)	1	0.85
Protection level	(IP)	67	
Automation weight	(kg)	12,5	14,3
Max length of the gate	(m)	4	
Max weight of the gate	(kg)	500	
Cycle of work	(%)	60	20
Dimensions operators	(mm)	225x110x375	
Operating temperature	(°C)	-20 ÷ +50	

Intro 400

MOTORS - AVAILABLE VERSIONS

Code	Motor	Mechanical stop in closing	Wing max dimensions
INTRO 230-400	230 Vac	•	4 m - 500 Kg
INTRO 24-400	24 Vdc	•	4 m - 500 Kg

UNDERGROUND BOX - AVAILABLE VERSIONS

Code	Zinc coated steel frame	Stainless steel frame	Lever unlock system	Mechanical stop in opening
INTROBOX 400	•		-	•
INTROBOX 400 S		•	-	•

Introbox boxes do not include the release lever. To complete the kit, add the "INTRO LOCK" and "INTRO KEY" code (see accessories)

24 V version also available for markets with 110 V mains power supply



ACCESSORIES



INTRO LOCK
Lever release unlock system



INTRO KEY
Key release unlock system



INTRO FR
Adapter for foundation boxes



INK
Lever-type unlock for INTRO LOCK (4 pcs/pack)



INT 360
Kit for 360° leaf opening LOCK (4 pcs/pack)



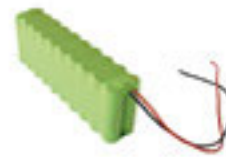
LOCK HO
Horizontal electro lock 12 V



LOCK VE
Vertical electro lock 12 V



SELC 100
Card for electrical lock



BAT M 016
24 V 1.6 Ah battery



BAT K2
Battery charge card for BAT M016

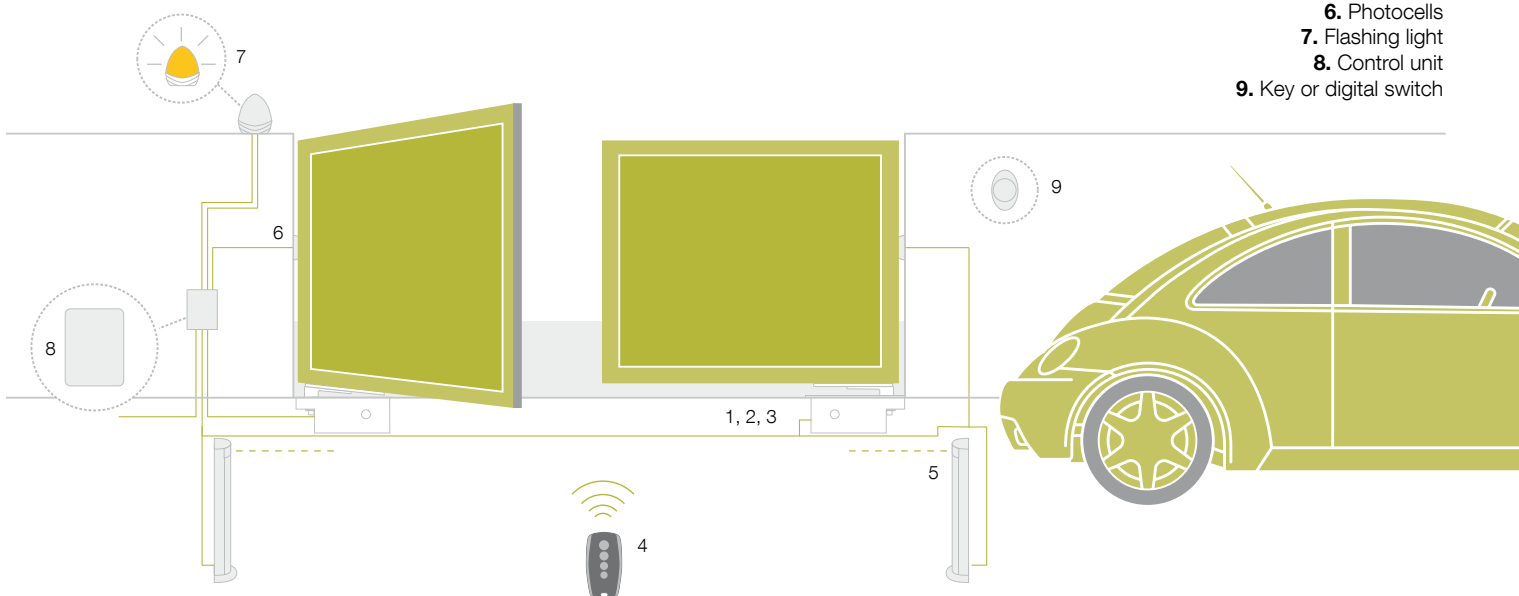


STAR 224 KG
Spare control unit for Star 224 box with MEMO 200 and plastic protection.



STAR 2230 KG
Spare control unit for Star 2230 box with MEMO 200 and plastic protection.

INSTALLATION DIAGRAM



Basic installation

1. Operator Intro 400
2. Foundation box
3. Unlock system
4. Transmitter
5. Photocells mounted on posts
6. Photocells
7. Flashing light
8. Control unit
9. Key or digital switch